

Kevin Chang

High School Student (IB Diploma Programme)

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Profile

A highly motivated student with a strong work ethic and a creative flair. Currently interested in computer science-related opportunities.

Experiences

Inspirit AI, AI Scholars	08/2024
<ul style="list-style-type: none">Duration: Week-long AI campAchievements: Developed a precision Object Detection App for the transportation sector, and acquired knowledge and passion for machine learning.	
Hack Club, High Seas	10/2024 – 01/2025
<ul style="list-style-type: none">Duration: 3-month-long hackathonAchievement: Ranked Top 15 globally in the High Seas Leaderboard for contributions to open-source projects.Awards: Earned over \$800 in prizes, including an iPad.	
Math Tutor	05/2023 – present Ottawa, Canada
Provided weekly tutoring to four students, leading to at least an 8% grade improvement through personalized lessons and problem-solving strategies.	
Star Badminton Club, Badminton Coach	2022 – present Ottawa, Canada
Coach and mentor young athletes, helping them develop fundamental techniques and competitive strategies .	
OneDojo, Dojo Management App	12/2024 – present
<ul style="list-style-type: none">Developing a sophisticated dojo management app to track student progress efficiently.Integrates automated belt system, performance analytics, and a personalized feedback system.Features a dynamic dashboard (for both students and instructors), attendance tracking, and goal-setting tools to enhance student engagement.Client: Ms. Moore, Fantastic English Teacher at Merivale High School	
Badminton and Computer Science Club, Founder & Executive	2023 – present Ottawa, Canada
<ul style="list-style-type: none">Established a badminton club, organizing training sessions, tournaments, and coaching opportunities for students.Led coding workshops, competitive programming training, and hackathons as an executive in the Computer Science Club.	
Ink Poetry Awards, Product Designer & Technical Lead	11/2024 – present
<ul style="list-style-type: none">Designed a modern, user-friendly website for an international poetry contest with \$1,000 in prizes.Developed a submission system, to ensure ease in entry management and user engagement.	

Hackathon Competitor

2023 – present

- Participated in **every major hackathon in the area**, including **university-level competitions like uOttahack**.
- Built **innovative projects** under deadlines, and applied my skills in **software development, AI, and web technologies**.
- Collaborated with many teams to develop **functional apps** and gain experience in **problem-solving and real-world application of coding skills**.

Education

Merivale High School (IB Programme), Expected Graduation: 2026

09/2022 – present

Ottawa, Canada

- **Relevant Courses:** IB Math (Analysis & Approaches), Computer Science (ICS4U), IB Physics HL, IB English HL
- **Honours:** Silver Medal Award (over 90% average), IB Diploma
- **Clubs:** Badminton Club (Founder), CS Club (Exec), Hack Club, Debate Club

Skills

Computer Science

- Proficient in **Python** (5 years of experience)
- Also experienced in **HTML, CSS, and Javascript**
- Completed **challenging programming problems** on **DMOJ daily** to prepare for the **CCC**.

Problem-Solving

- Love tackling **challenging problems** in coding, math, and real-world applications.
- Demonstrated problem-solving skills through **competitive programming (CCC), math contests (Waterloo, AMC, AIME), and hackathons**.

Math

- Participated in **every Waterloo and AMC math contest** and achieved high results.
- **97% (IB 7) in IB Math Analysis & Approach**

Teamwork and Leadership

- **Excellent group member** who thrives in collaborative environments, and contributes ideas to ensure team success.
- Gained **leadership skills** through **tutoring, debate, and club roles**.
- Effective communicator with **public speaking experience from debate and collaborative skills from team projects**.

Awards

Canadian Computer Competition (CCC) - Honour Roll, University of Waterloo

02/2024

AIME Qualifier, Mathematical Association of America (MAA)

02/2023

Bronze Medal for Men's Doubles (Badminton),

05/2024

Ontario Federation of School Athletic Associations (OFSAA) (Barrie, Ontario)

Piano Performer, Carnegie Hall (NYC)

02/2023

Beaver Computing Competition (BCC) - Full Score, University of Waterloo

11/2023

Level 10 Certificate with Honors (Piano), The Royal Conservatory of Music (RCM)

07/2023

Canada Young Artist Piano Competition - Overall Award, Steinway

05/2023

Silver medal for Men's Singles and Doubles, ODBA District Championship

05/2024

Sandra Coupal Memorial Trophy + \$250 Cash Prize, Kiwanis Music Festival

05/2020